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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/698,187	10/31/2003	Jason O. Adams	6232-237 (180086)	3192

7590 02/08/2006
Gregory J. Lavorgna
Drinker Biddle & Reath LLP
One Logan Square
18th & Cherry Streets
Philadelphia, PA 19103-6996

EXAMINER

LE, THANH TAM T

ART UNIT	PAPER NUMBER
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2839

DATE MAILED: 02/08/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

H.A

Office Action Summary	Application No.	Applicant(s)	
	10/698,187	ADAMS ET AL.	
	Examiner	Art Unit	
	Thanh-Tam T. Le	2839	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12,23-31 and 36-47 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12,23-31 and 36-47 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The RCE filed 1/30/06 is acknowledged.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-12, 28-31, 38-44 and 46-47 are rejected under 35 U.S.C. 102(b) as being anticipated by Wen-Te (5,454,729).

Regarding claims 1, 7, 28 and 38-39, Wen-Te, figures 1 and 3, discloses a system for supplying current from a source of electrical power to a dimmable electrical lighting load, comprising:

- a receptacles (20, figure 3) adapted for receipt of a corresponding blade (not labeled) of a compatible plug (10, figure 3), the receptacle arranged to be supplied with electrical power regulated by a dimmer, the receptacle comprising:
- an electrical contact (23) located for contact with a blade (not labeled) of the compatible plug to establish an electrical connection between the blade and the electrical contact, the electrical contact dimensioned and oriented for compliance with an industry standard configuration; and

- a mating formation pair including a receptacle formation (30) and a corresponding plug formation (31), the receptacle formation of the mating formation pair dimensioned for contact with a general-use plug (10 in figure 1) compliant with the industry standard configuration and lacking the corresponding plug formation to prevent a blade (12) of the general-use plug from contacting the electrical contact thereby preventing the general-use plug (figure 1) from establishing the electrical connection with the receptacle (when plug 10 in figure 1 coupled to receptacle 20 in figure 3), the receptacle formation of the mating formation pair allowing the compatible plug (figure 3) defining the corresponding plug formation and otherwise complying with the industry standard configuration to establish electrical connection with the receptacle by an amount sufficient.

Regarding claim 2, where in a full insertion of the compatible plug into the receptacle results in an overlapping contact between the electrical contact and the blade of the compatible plug, the overlapping contact having a length, and wherein the receptacle formation comprising a projection (30) extending from the receptacle to a height that is greater than the length of the overlapping contact thereby preventing insertion of the general-use plug that lacks the corresponding plug formation by an amount sufficient to establish the electrical connection with the receptacle.

Regarding claims 3 and 30, wherein the electrical contact is a first electrical contact, the current supply system further comprising a second electrical contact (another 23) and a non-conductive face member covering the electrical contacts, the

face member defining first and second openings for receipt the first and second blades, wherein the projection extends outwardly from the face member between the first and second openings.

Regarding claim 4, the projection is elongated in a direction that is substantially parallel to a height defined by at least one of the first and second openings.

Regarding claim 5, the projection including a middle portion and end portions, wherein the middle portion extends from the face member to a distance is greater than the end portions to define a convex configuration.

Regarding claim 6, wherein the first and second electrical contacts are arranged to supply power to a circuit that including a load connectable to the compatible plug.

Regarding claims 8-10 and 27, the opening and blade respectively defining receptacle and blade formations each define a cross section having a dimension that is reduced with respect to a corresponding dimension provided by the industry standard configuration, and including a width and a height.

Regarding claims 11 and 12, the receptacle is polarized and the opening defining the receptacle formation controls access to a hot electrical contact and including a common housing with at least one receptacle compliant with the industry standard configuration.

Regarding claim 29, the projection is non-conductive.

Regarding claim 31, a grounding conductor.

Regarding claim 40, the plug (10) including a plug body defining the plug formation and wherein the plug formation extends to a periphery of the plug body.

Regarding claim 41, the receptacle including first and second openings each defining a cross section having a height and a width, each defining a central axis with respect to the blade height and aligned with each other.

Regarding claims 42-44 and 46-47, the receptacle formation comprising a projection defining a top, wherein a distance between the top of the projection and the electrical contact is greater than approximately 0.618 inches.

4. Claims 23-27, 36-37 and 45 are rejected under 35 U.S.C. 103(a) as being unpatentable over Royer (4,293,733) in view of Wen-Te (5,454,729).

Regarding claims 23 and 36-37, Royer, figures 1 and 2, discloses a receptacle comprising:

- a first receptacle (18A) complying with a general-use industry standard configuration for receptacles, the first receptacle adapted to receive a general-use plug (30) complying with the industry standard configuration and establish an electrical connection to supply non-reduced voltage;
- a second receptacle (18B) having at least one electrical contact, the second receptacle configured to receive a compatible plug (40) having at least one electrical contact for electrical connection with the electrical contact of the second receptacle; and

Royer discloses the instant claimed invention as described above except for a mating formation pair including a receptacle formation and a plug formation respectively carried by the second receptacle and the compatible plug, and the receptacle formation dimensioned to prevent an electrical contact of the general-use plug.

Wen-Te, figure 3, discloses a receptacle (20) having a projection (30) and a plug (10) having a slot (31), the projection and the slot read on for a mating formation pair including a receptacle formation and a plug formation. It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide Royer to have the projection and the slot disposed on the receptacle and the plug, respectively, as taught by Wen-Te, in order to attach the plug to the socket firmly without being removed.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide Royer to have the receptacle formation (30), as taught by Wen-Te, in order to protect the users.

Regarding claim 24, Royer discloses wherein the compatible plug is capable of insertion into the first receptacle.

Regarding claim 25, it is noted that Wen-Te discloses the receptacle formation is defined by a projection (30).

Regarding claim 26, Royer discloses the second receptacle comprising a second electrical contact and a non-conductive face member covering the first and second electrical contacts. The face member having first and second openings to permit access to the first and second electrical contacts.

Regarding claim 27, it is noted that Wen-Te discloses the receptacle formation is defined by an opening dimensioned to prevent insertion of a corresponding plate of the plug complying with the industry standard configuration.

Regarding claim 45, it is noted that Wen-Te discloses the receptacle formation comprising a projection defining a top, wherein a distance between the top of the projection and the electrical contact is greater than approximately 0.618 inches.

Response to Arguments

5. Applicant's arguments with respect to claims 1, 23, 36 and 38 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh-Tam T. Le whose telephone number is 571-272-2094. The examiner can normally be reached on 7:30-5:00.

7. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TC Patel can be reached on 571-272-2098. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2839

8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'T. Le', with a horizontal line drawn underneath it.

Thanh-Tam T. Le
Primary Examiner
Art Unit 2839

TL.
02/04/06.